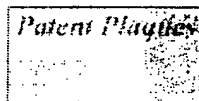




IPN Home | Search | Order | Shopping Cart | Login | Site Map | Help



JP7155285A2: FLUORESCENCE OBSERVING ENDOSCOPE APPARATUS

[View Images \(1 pages\)](#) | [View INPADOC only](#)

Country: JP Japan

Kind:

Inventor(s): IIDA MASAHIKO
TAKEHATA SAKAE
KANEKO MAMORU
YOSHIHARA MASAYA
SUZUKI KATSUYA
UEDA YASUHIRO

Applicant(s): OLYMPUS OPTICAL CO LTD
News, Profiles, Stocks and More about this company

Issued/Filed: June 20, 1995 / Dec. 3, 1993

Dates:

Application: JP1993000304425

Number:

IPC Class: A61B 1/00; A61B 1/06; G02B 23/26;

Abstract: **Purpose:** To simplify switching between an ordinarily observed image and a fluorescent image by a simple constitution by providing a fluorescence observing endoscope apparatus with an endoscope, an ordinary light feeding means, an excited light feeding means, an observed image forming means, a fluorescent image forming means and a light vol. detecting means and selecting an observed image or a fluorescent image based on the output of the light vol. detecting means by a selecting means.

Constitution: The first adaptor 2 switches a white light from a lamp 3a of an ordinary illuminating light source 3 and an excited light from a laser apparatus 4 for fluorescence by driving a movable mirror by means of a driver 13. In addition, the second adaptor 5 switches an ordinary observed image and a fluorescence observed image by driving a movable mirror 19 by means of a driver 18 and guides the ordinarily observed image to an ordinary TV camera 6 and the fluorescent image to a fluorescent image photographing camera 7 respectively. In the fluorescent image photographing camera 7, photographing is performed by a CCD 23 through a rotational filter 21 and it is transmitted to a fluorescent image processing apparatus 9. Then, lesion or normal is distinguished by means of a video switching

BEST AVAILABLE COPY